

DERWENT-ACC-NO: 1998-143427

DERWENT-WEEK: 199813

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TITLE: System for growing plants hydroponically using
flood and
tray with drain technique - comprises reservoir, growing
inlet and outlet, expanded clay, hose, pump and
timer

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K[SMITI]

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BASIC-ABSTRACT:

The system comprises a reservoir (1), a growing tray (2), expanded clay (3), hose (4), pump (5) and a timer. The arrangement is such that the growing tray has an outlet and an inlet (8).

The inlet is connected to an outlet of the pump. An inlet of the pump is sited below the level of a nutrient/water mix in the reservoir so that at predetermined times for predetermined intervals the nutrient/water

mix is
flooded into the growing tray in which the expanded clay is situated
to flood
the growing tray from which the mixture gradually drains via the
outlet back to
reservoir.

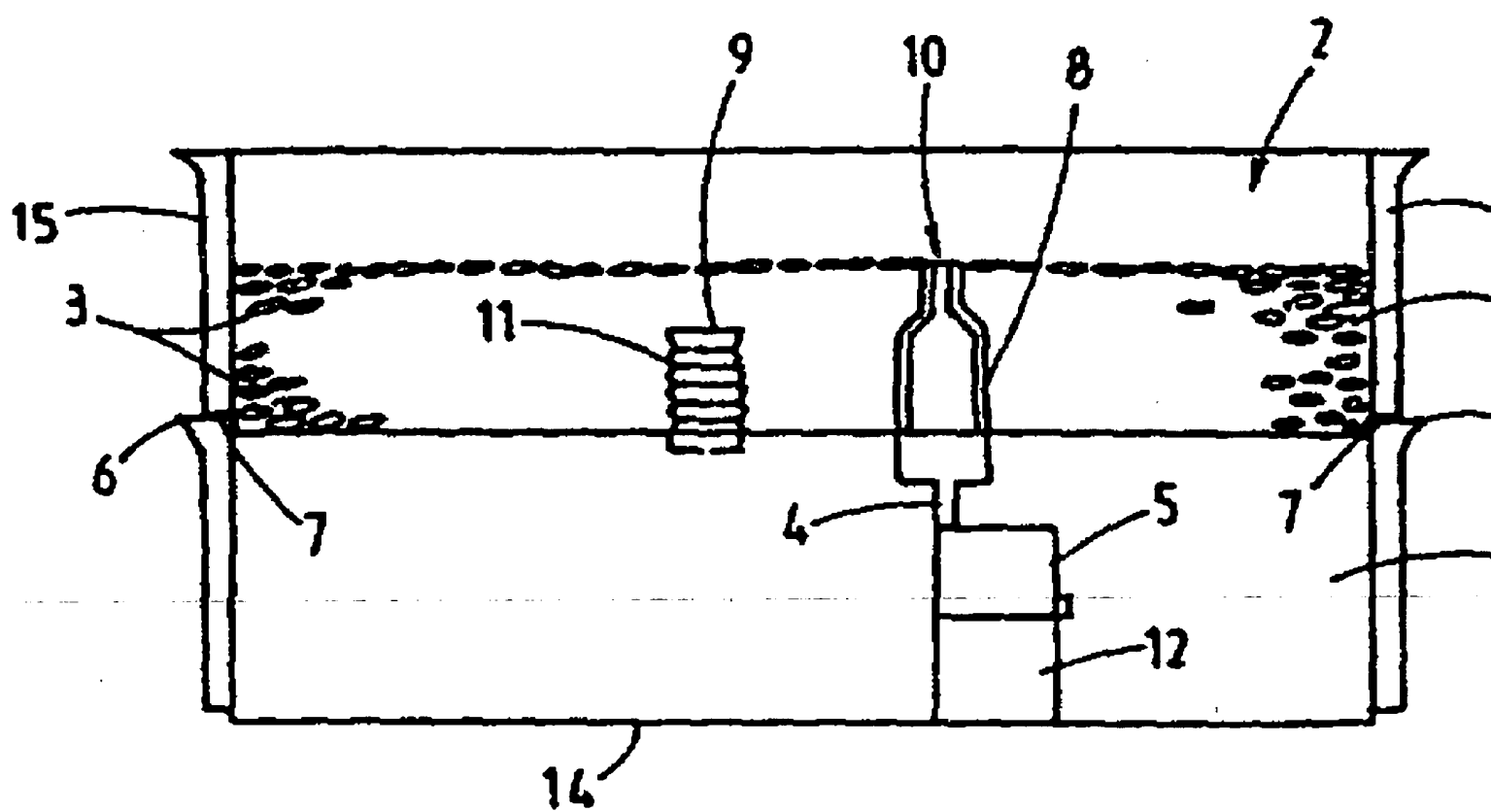
CHOSEN-DRAWING: Dwg.1

TITLE-TERMS: SYSTEM GROW PLANT FLOOD DRAIN TECHNIQUE COMPRISE
RESERVOIR GROW
TRAY INLET OUTLET EXPAND CLAY HOSE PUMP TIME

DERWENT-CLASS: P13

SECONDARY-ACC-NO:

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